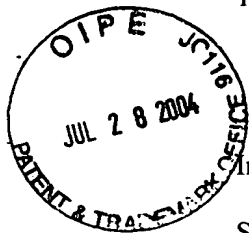


2155\$
1F14'2**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In regard to the application of: Alon ATSMON, et al.

Serial No : 09/806,618

Group Art Unit: 2155

Filed : October 9, 2001

Examiner: BAROT, BHARAT

For: A METHOD TO USE ACOUSTIC SIGNALS FOR COMPUTER COMMUNICATIONS

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants respectfully direct the attention of the Examiner to art cited with respect to U.S. Application No. 09/806,618 which is a National Phase of PCT/IL99/00521.

The Examiner is respectfully requested to review and consider this art, in accordance with MPEP 2001.06 and to indicate in the first office action that he has considered this art. Additionally, the Examiner is respectfully requested to cite those prior art publications mentioned in this application which the Examiner considers to be material or relevant to the present claims.

Further, in order to comply with discretionary regulations 37 CFR 1.97 and 1.98, attached is an Equivalent to Form PTO-1449 listing the cited art. Also attached are copies¹ of the art. This art contains information which the Examiner may consider to be important in deciding whether to allow the present application to issue as a patent.

Items 38, 44, 58, 60, 62, 72 and 74 are cited in the International Search Report. Copies of these items are not attached as they are available in the National Stage File.

Items 35-36, 52-53 are in a foreign language. An English language abstract appears on the first page of these references.

¹ To the extent that a document is listed and no copy of same is attached, then such document is not at the present time available to the undersigned or is available in the national stage file. If a listed document is not in the English language and an English translation is readily available, such translation is also attached; if translation is not attached, it is not readily available to the undersigned. If a foreign language patent document is cited, and an English language equivalent is known to the undersigned, then such an equivalent patent is also cited on the attached form along with the corresponding foreign language patent and a connecting arrow indicated therebetween; if no such English language equivalent is cited then none is known to the undersigned.

In accordance with MPEP Section 609 it is requested that each document cited [including any mentioned in Applicants' specification which is not repeated on the attached (or prior) PTO-1449 form(s) or equivalents thereof] be given thorough consideration and be cited of record in the prosecution history of the present application by initialing on the PTO-1449 form or its equivalent, so that it will appear on the face of the patent issuing on the present application, even if the Examiner does not consider it sufficiently pertinent to use in a rejection, or otherwise does not believe that the guidelines for citation have been fully complied with.

The present Information Disclosure Statement is being submitted in compliance with 37 CFR 1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104(a), and in the course of such search will review for relevance every document cited on the attached form.

Early and favorable consideration is earnestly solicited.

Respectfully submitted,
Alon ATSMON, et al.

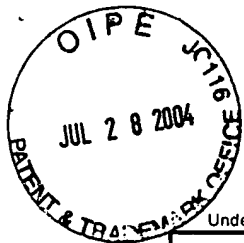


Maier FENSTER
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July 18, 2004

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PTO/SB92 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
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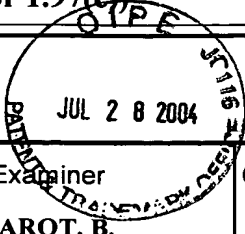
Applicant: Alon Atsmon et al.
Serial No: 09/806,618
Filing Date: October 9, 2001
For: A METHOD TO USE ACOUSTIC SIGNALS FOR COMPUTER COMMUNICATIONS
Enclosures: (1) Transmittal of Information Disclosure Statement (3 pages);
(2) Information Disclosure Statement (2 pages) w/IDS Citation (5 pages) & seventy-seven references; (3) Acknowledgement postcard

Burden Hour Statement: This form is estimated to take 0.03 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
100/02143

In Re Application Of: Alon ATSMON et al.



Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
09/806,618	October 9, 2001	BAROT, B.	44909	2155	4568

Title: A METHOD TO USE ACOUSTIC SIGNALS FOR COMPUTER COMMUNICATIONS

Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. ☐ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☒ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

OR

☒ the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
100/02143

In Re Application: Alon ATSMON et al.

Application No. 09/806,618	Filing Date October 9, 2001	Examiner BAROT, B.	Customer No. 44909	Group Art Unit 2155	Confirmation No. 4568
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METHOD TO USE ACOUSTIC SIGNALS FOR COMPUTER COMMUNICATIONS

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of _____ is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 03-3419 as described below.
- ☒ Charge the amount of \$180.00
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.

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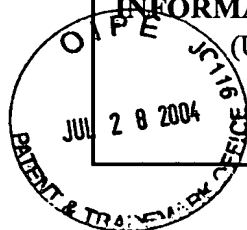
Dated: July 18, 2004


Maier FENSTER, Reg. No. 41,016

William H. Dippert, Esq.
Reed Smith LLP
599 Lexington Avenue, 29th Floor
New York, NY 10022-7650

Tel: (212) 521-5400

CC:



INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	ATTY DOCKET NO. 100/02143	SERIAL NO. 09/806,618
	APPLICANT(S) Alon ATSMON et al.	
	FILING October 9, 2001	GROUP 2155

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	Filing date if appropriate
	1.	2,990,646	04 Jul '61	BERGER, C. D.			
	2.	4,207,696	17 Jun '80	HYMAN, G. E. et al			
	3.	4,231,184	04 Nov '80	CORRIS, C. J. et al.			
	4.	4,264,978	28 Apr '81	WHIDDEN, G. H.			
	5.	4,390,877	28 Jun '83	CURRAN, K. J.			
	6.	4,637,007	13 Jan '87	SAKURAI, K.			
	7.	4,640,034	03 Feb '87	ZISHOLTZ, B.			
	8.	4,673,371	16 Jun '87	FURUKAWA, M.			
	9.	4,682,370	21 Jul '87	MATTHEWS, G. H.			
	10.	4,717,364	05 Jan '88	FURUKAWA, M.			
	11.	4,840,602	20 Jun '89	ROSE, W. J.			
	12.	4,857,030	15 Aug '89	ROSE, W. J.			
	13.	4,935,907	19 Jun '90	FRIEDMAN, M. B.			
	14.	4,961,229	02 Oct '90	TAKAHASHI, T.			

U.S. PATENT APPLICATION PUBLICATIONS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	Filing date if appropriate
	15.	H1469H	01 Aug '95	SIMONOFF, A. J.			

FOREIGN PATENT DOCUMENTS

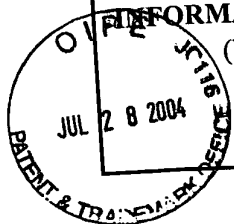
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	16.	WO 93/11619	10 Jun '93	PCT				
	17.	WO 93/21720	28 Oct '93	PCT				
	18.	WO 94/17498	04 Aug '94	PCT				

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

19.	Encotone, Ltd. – Corporate Background; 2 pages; February 2, 1999; Retrieved from the Internet at < http://www.encotone.com/html/comp_def.html >
EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	APPLICANT(S) Alon ATSMON et al.	
	FILING October 9, 2001	GROUP 2155

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	Filing date if appropriate
	20.	4,973,286	27 Nov '90	DAVISON, A.			
	21.	4,978,840	18 Dec '90	ANEGAWA, T.			
	22.	4,984,380	15 Jan '91	ANDERSON, R. D.			
	23.	5,032,099	16 Jul '91	CHAN, A.			
	24.	5,085,610	04 Feb '92	ENGEL, R. W. et al.			
	25.	5,176,560	05 Jan '93	WETHERELL, J. J. et al.			
	26.	5,191,615	02 Mar '93	ALDAVA, M. B. et al.			
	27.	5,209,695	11 May '93	ROTHSCHILD, O.			
	28.	5,241,160	31 Aug '93	BASHAN, O. et al.			
	29.	5,280,527	18 Jan '94	GULLMAN, L. S. et al.			
	30.	5,307,051	26 Apr '94	SEDLMAYR, S. R.			
	31.	5,314,336	24 May '94	DIAMOND, M. et al.			
	32.	5,356,326	18 Oct '94	TING, C.			
	33.	5,407,376	18 Apr '95	AVITAL, N. et al.			

U.S. PATENT APPLICATION PUBLICATIONS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	Filing date if appropriate

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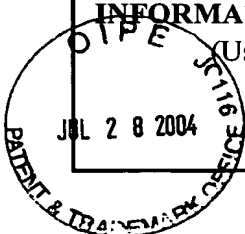
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
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	34.	WO 96/10880	11 Apr '96	PCT				
	35.	WO 97/15899	01 May '97	PCT				
	36.	WO 97/16049	01 May '97	PCT				

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

37.	TeleID™ Major Applications; Encotone Ltd.; 3 pages; February 2, 1999; Retrieved from the Internet at < http://www.encotone.com/html/app_def.html >
EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	FILING October 9, 2001	GROUP 2155

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	Filing date if appropriate
	38.	5,423,073	06 Jun '95	OGAWA, Y.			
	39.	5,452,901	26 Sep '95	NAKADA, T. et al.			
	40.	5,583,933	10 Dec '96	MARK, A. R.			
	41.	5,606,732	25 Feb '97	VIGNONE, SR. E. J.			
	42.	5,629,867	13 May '97	GOLDMAN, R. J.			
	43.	5,635,701	03 Jun '97	GLOTON, J. P.			
	44.	5,638,047	10 Jun '97	ORLOFF, L. M. et al.			
	45.	5,646,907	08 Jul '97	MACCABEE, B. S.			
	46.	5,647,787	15 Jul '97	RAVIV, R. et al.			
	47.	5,655,945	12 Aug '97	JANI, J. S.			
	48.	5,697,829	16 Dec '97	CHAINANI, D. S. et al.			
	49.	5,708,853	13 Jan '98	SANEMITSU, Y.			
	50.	5,717,168	10 Feb '98	DEBUISSER, T. et al.			
	51.	5,752,880	19 May '98	GABAI, O. et al.			

U.S. PATENT APPLICATION PUBLICATIONS

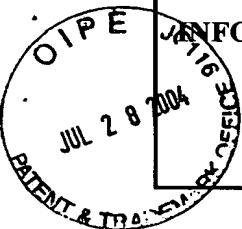
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO
	52.	WO 98/57474	17 Dec '98	PCT				
	53.	WO 99/23804	14 May '99	PCT				
	54.	WO 00/01456	13 Jan '00	PCT				

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

55.	TeleID™ System; "The Technology"; Encotone Ltd.; 8 pages; February 2, 1999; Retrieved from the Internet at < http://www.encotone.com/html/tech_def.html >
EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



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	FILING October 9, 2001	GROUP 2155

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	Filing date if appropriate
	56.	5,763,862	09 Jun '98	JACHIMOWICZ, K. E. et al.			
	57.	5,764,512	09 Jun '98	MICHEL, A. D. et al.			
	58.	5,764,763	09 Jun '98	JENSEN, J. M. et al.			
	59.	5,764,900	09 Jun '98	MORRIS, J. E. G. et al.			
	60.	5,774,791	30 Jun '98	STROHALLEN, G. M. et al.			
	61.	5,778,187	07 Jul '98	MONTEIRO, A. M. et al.			
	62.	5,786,764	28 Jul '98	ENGELLENNER, T. J.			
	63.	5,789,733	04 Aug '98	JACHIMOWICZ, K. E. et al.			
	64.	5,800,243	01 Sep '98	BERMAN, S. G.			
	65.	5,809,245	15 Sep '98	ZENDA, H.			
	66.	5,815,020	29 Sep '98	ALLEN, S. P. et al.			
	67.	5,847,752	08 Dec '98	SEBESTYEN, I.			
	68.	5,850,077	15 Dec '98	TOGNAZZINI, B.			
	69.	5,859,913	12 Jan '99	GORETA, L. et al.			

U.S. PATENT APPLICATION PUBLICATIONS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	Filing date if appropriate

FOREIGN PATENT DOCUMENTS

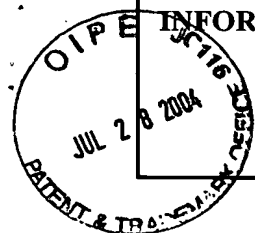
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	70.	WO 00/21020	13 Apr '00	PCT				
	71.	GB 2 236 258	03 Apr '91	United Kingdom				

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	Filing date if appropriate
	72.	5,864,794	26 Jan '99	TASAKI, H.			
	73.	5,870,155	09 Feb '99	ERLIN, D.			
	74.	5,921,674	13 Jul '99	KOCZI, W.			
	75.	5,963,643	05 Oct '99	GORETA, L. et al.			
	76.	6,018,641	25 Jan '00	TSUBOUCHI, K. et al.			
	77.	6,019,285	01 Feb '00	ISOBE, N. et al.			
	78.	6,089,942	18 Jul '00	CHAN, A. W. T.			
	79.	6,110,000	29 Aug '00	TING, C.			
	80.	6,244,260	12 Jun '01	RAGOZA, M. et al.			
	81.	6,309,275	30 Oct '01	FONG, P. S. L. et al.			
	82.	6,377,670	23 Apr '02	ROSSET, F. et al.			
	83.	6,380,844	30 Apr '02	PELEKIS, F.			
	84.	6,445,780	03 Sep '02	ROSSET, F. et al.			

U.S. PATENT APPLICATION PUBLICATIONS

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							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

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